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PATENT

Ser. No. 09/232,498

Atty. Docket No. 10517/16

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors : Seiji Mizuno
Serial No. : 09/232,498
Filed : January 15, 1999
For : SEPARATOR FOR FUEL CELL AND MANUFACTURING
METHOD FOR THE SAME
Group Art Unit : 1745
Examiner : Mark Ruthkosky

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

AMENDMENT

SIR:

In response to the Office Action mailed September 11, 2002, the Applicant respectfully submits the following amendments and remarks.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Fourth amendment) A method of manufacturing a separator for a fuel cell comprising:

preparing a raw material by mixing a carbon, an epoxy resin and a phenolic resin, wherein said phenolic resin is different from said epoxy resin, and further wherein a ratio of an amount of an epoxy group of said epoxy resin to an amount of a hydroxyl group of said phenolic resin in the raw material is adjusted to a value ranging from 0.8 to 1.2 such that generation of a reaction byproduct gas is minimized;

charging the raw material into a predetermined mold at a temperature which is equal or less than a temperature at which the epoxy resin and the phenolic resin are carbonized; and heat press forming the raw material charged into the mold.

10. (Twice amended) A method of manufacturing a separator for a fuel cell comprising: preparing a raw material by mixing a carbon, an epoxy resin and a phenolic resin,